

ABSTRACT

A method for the facile and inexpensive inducible expression of heterologous genes has been discovered. The *yhcS* regulator gene has
5 been found to be inducible by aromatic carboxylic acids and to alter the expression of operons in the LysR gene family, including the *yhcRQP* operon, common in enteric bacteria. Heterologous nucleic acid molecules placed under the control of *yhcS* responsive promoters may be
10 overexpressed in response to the presence of inexpensive aromatic carboxylic acids.